

I Claim:

1. Freezer alarm apparatus for monitoring the temperature conditions within a freezer compartment of a refrigeration unit and activating alarm signals when the temperature conditions have exceeded predetermined temperature set point or pre-set values, comprising:

a housing mountable to a wall surface adjacent the refrigeration unit;

an electrical plug interconnected to the housing for plugging into an electrical receptacle for supplying power to the freezer alarm apparatus;

an elongated, flexible capillary tube attached to the housing for extension to and placement partially into the freezer compartment;

a temperature-sensing bulb secured to the distal end of the capillary tube and disposed within the freezer compartment for monitoring and registering the temperature conditions, and any changes thereof, occurring within the freezer compartment;

a selectively manually adjustable thermostat mounted to the housing and in electrical interconnection with the temperature-sensing bulb, the thermostat capable of being set at a predetermined temperature set point or temperature value;

a buzzer alarm mounted to the housing and in electrical interconnection with the thermostat;

an alert light mounted on the housing and in electrical interconnection with the thermostat; and

when the temperature condition within the freezer compartment exceeds the predetermined temperature set point of the thermostat as conveyed to the thermostat by the temperature-sensing bulb, the thermostat simultaneously actuates the buzzer alarm to

produce an audible signal and the alert light to produce a visually discernible alert thereby signaling that the refrigeration unit requires checking and corrective action.

2. The freezer alarm and apparatus of claim 1 further comprising a power on/off switch mounted on the housing for controlling power to the housing and for turning off the freezer alarm apparatus for maintenance, repair and relocation.

3. The freezer alarm apparatus of claim 2 further comprising a test switch mounted to the housing and in electrical interconnection with the thermostat, the buzzer alarm, and the alert light and selectively operable for checking the power distribution to the buzzer alarm and the alert light.

4. The freezer alarm apparatus of claim 3 further comprising at least one volume control dial mounted to the housing and in electrical interconnection with the buzzer alarm for controlling and setting the decibel level of the buzzer alarm.

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